

MEMORANDUM FOR: the Record:

Ref the attached [ ] letter (1058/PLI-82), dated 23 July 1965.

The changes mentioned in the reference were initiated by [ ] and were first presented to us at a meeting here on 30 June 1965. Present were [ ]

[ ] PSD/PLB, and self, DB/P&DS. Jack D. agreed to the new, end-viewing, design so I told [ ] to go ahead. The change was not made at our request.

I told C. B. the above during a telephone conversation on 2 August 1965. He agreed with my version and offered to have the letter re-written. I stated that I would write this Memo For the Record and attach it to the letter.

3 August 1965

**CONFIDENTIAL**

Proj. 997113  
DOCUMENT 25X1  
3 Aug 65  
RFD. No. A-195  
PAGES - 1  
COPY 1 of 2

July 23, 1965

Ref: 1058/PLI-82

P. O. Box 6788  
Fort Davis Station  
Washington, D. C. 20020

Attention:

Subject:

Gentlemen:

Enclosed herewith is the revised industrial design concept for the High Resolution Step and Repeat Contact Printer, which has been revised in accordance with the changes requested by your Technical Monitor. Please forward this immediately to

Very truly yours,

CONTROL DIVISION

Contract Administrator

TKL:sm

Enclosure: As Listed

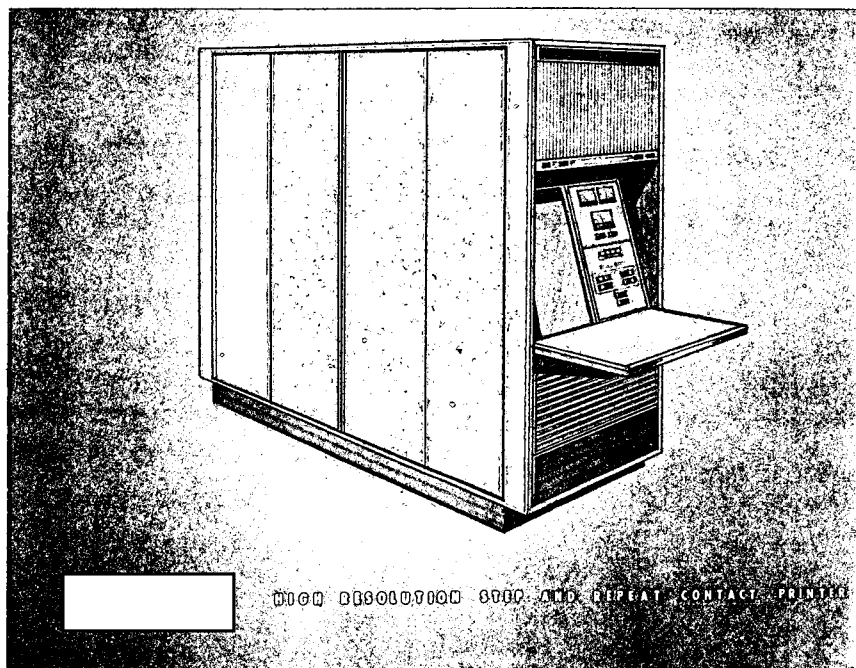
"This material contains information affecting the national defense of the United States within the meaning of the espionage laws, Title 18, U. S. C., sections 793 and 794, the transmission or revelation of which in any manner to an unauthorized person is prohibited by law."

**CONFIDENTIAL**

ENCLOSURE TO   
LETTER 1058/PLI-82,  
DATED 23 JULY 1965.

DO NOT BEND

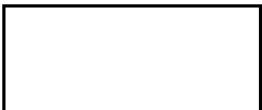
COLOR PHOTOGRAPH



JUL 17 1965

Proj: 997093  
3 Aug 65  
RFB

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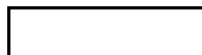


July 28, 1965

Dear Russ:

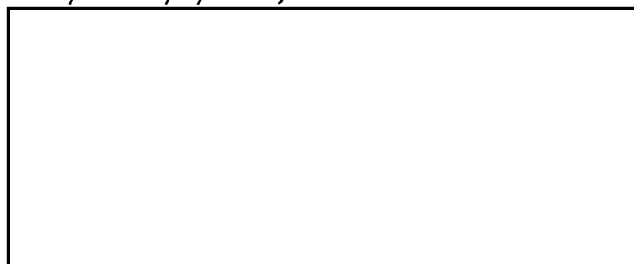
Enclosed is an updated installation form for Printer No. 1.

Would you please forward one copy to



25X1

Very truly yours,

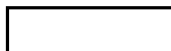


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HLB:jab



Encl.

xc:



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Orig to  DESPA, AMS  
cc to  GIMPADA

Date: 7/25/65  
Tentative Until (date): 7/15/65  
Permanent (date): \_\_\_\_\_INSTALLATION ENGINEERINGProj. 997093  
3 Aug 65  
RFD

## I. INSTRUMENT

A. Name Printer-Contact Duplicating & Reserve  
B. Manufacturer \_\_\_\_\_  
C. Contract Number \_\_\_\_\_

## II. PHYSICAL FEATURES

A. Number of Component Parts two  
B. Dimensions of the Largest Component Part:  
Length 5 Ft. 6 In. Height 4 Ft. 8 In.  
Width 2 Ft. 6 In.  
C. Weight of Largest Component Part 2200 lb.  
D. Total Weight of Instrument 2300 lb.  
E. Overall Dimensions Assembled:  
Length 5 Ft. 6 In. Height 5 Ft. 0 In.  
Width 2 Ft. 6 In.  
F. Type of Base of Mount:  
Flat X Three Point Suspension \_\_\_\_\_ Four Point Suspension \_\_\_\_\_  
G. Does Instrument have built-in mobility? \_\_\_\_\_  
H. Is the instrument particularly sensitive to vibration? \_\_\_\_\_  
I. Are any special or unusual tools or fixtures necessary or advisable  
for the installation or maintenance of this equipment? \_\_\_\_\_  
Yes Yes Lite Balance Meter with chart which will  
be supplied with unit

## III. UTILITIES

A. Electrical:  
Voltage 115 Volts + \_\_\_\_\_ Volts we provide  
Current 15 amps with 100 amp surges  
Frequency 60 cps  
Nr. of phases 3  
Nr. of wires 4  
Power required by \_\_\_\_\_ Watts  
equipment \_\_\_\_\_ Watts  
Type of outlet required: Two Prong \_\_\_\_\_, Three Prong \_\_\_\_\_  
Twist Lock \_\_\_\_\_, Permanent Installation Not determined

Should the equipment be shielded, either from external electro-magnetic signals, or to prevent interference with other equipment?

#1 Outside interference will not effect our equipment#2 We would like an outside mounted contactor with provision to control from our equipment.

## B. Air Conditioning:

Room temperature 70° ± 0.5° F Humidity 50% ± 0.5%

Output of Instrument \_\_\_\_\_ BTU/Hr.

If air must be filtered, what is maximum permissible particle size  
in microns? See remarks #3 What particle count? \_\_\_\_\_  
particles per cubic foot.Direct connection to instrument? Yes \_\_\_\_\_ No X

If yes to above, what is the desired air temperature to instrument? \_\_\_\_\_

Should discharged air be ducted separately? YesIs discharged air noxious? NO toxic? No

Connector size to instrument \_\_\_\_\_

## C. Plumbing:

Is water required for the instrument? Yes \_\_\_\_\_ No X

Water pressure \_\_\_\_\_ Flow in GPM \_\_\_\_\_

Type of water desired:

Tap \_\_\_\_\_ °F + \_\_\_\_\_ °F

Tempered \_\_\_\_\_ °F + \_\_\_\_\_ °F

Deionized \_\_\_\_\_ °F + \_\_\_\_\_ °F

Filtered \_\_\_\_\_ °F + \_\_\_\_\_ °F

Particle size and count per  
unit volume.

Type of pipe required:

Galvanized \_\_\_\_\_ Copper \_\_\_\_\_

Stainless Steel \_\_\_\_\_ Plastic \_\_\_\_\_

Is floor drain required? Yes \_\_\_\_\_ No \_\_\_\_\_

Diameter of drain \_\_\_\_\_ Galvanized drain \_\_\_\_\_

Plastic drain \_\_\_\_\_ Glass drain \_\_\_\_\_

## D. Compressed Air:

Diameter of connectors 1/2 Type of connectors 1/2 NPT CouplingPSI 120 Psi Max. Water free? YesCFM 10 CFM Oil free? Yes

## E. Vacuum:

Is vacuum required? Yes X No \_\_\_\_\_Vacuum required \_\_\_\_\_ PSIA or 26 (inches) (milli-  
meters) of HgDisplacement 10 CFM \_\_\_\_\_

## IV. REMARKS

In the event additional space is required for environmental conditions  
or utilities not mentioned above, use the reverse side of this form.

#1. See III A

#2. See III A

#3. Sec. III B, for maximum permissible particle size - see  
3.15.1 White room conditions under        Specification  
#B64-100-1.